

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A method for treating bipolar disorder or a working memory deficit in a subject comprising orally or systemically administering to said subject in need thereof an effective amount of a pharmaceutical composition comprising chelerythrine or a pharmaceutically acceptable salt, ~~solvate or polymorph~~ thereof.
- 2 - 3. (Canceled)
4. (Previously Presented) A method of claim 1, for treating bipolar disorder.
- 5 - 9. (Canceled)
10. (Previously Presented) A method of claim 1, for treating a working memory deficit.
11. (Canceled)
12. (Original) A method of claim 1, wherein the pharmaceutical composition is administered orally and the subject is a human.
13. (Canceled)
14. (Original) A method of claim 10, wherein the pharmaceutical composition is administered orally and the subject is a human.
- 15.-17. (Canceled)
18. (Currently Amended) A method of treatment comprising orally or systemically administering to a subject suffering from manic episodes associated with enhanced PKC activity a therapeutically effective amount of chelerythrine or a pharmaceutically acceptable salt, ~~solvate or polymorph~~ thereof.
19. (Original) A method of claim 18, wherein the manic episodes are also stress induced.
20. (Currently Amended) A method for preventing manic episodes in a bipolar patient comprising orally or systemically administering to the subject a therapeutically effective amount of a chelerythrine.
21. (Canceled)

22. (New) The method of claim 10, wherein the working memory deficit is a prefrontal cognitive deficit induced by stress exposure.